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PTO/SB/21 (08-03)

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/623,458
Filing Date	July 17, 2003
First Named Inventor	Baback Gharizadeh
Group Art Unit	1637
Examiner Name	Christopher M. Babic
Attorney Docket Number	87835.2

Total Number of Pages in This Submission

8

## ENCLOSURES (check all that apply)

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Deposit Account 07-1850 Authorization<br><input checked="" type="checkbox"/> Postage Paid Return Postcard<br><input type="checkbox"/> Response to Restriction Requirement<br><input type="checkbox"/> Amendment Transmittal Letter (in duplicate)<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Petition for Extension of Time (____ month) (in duplicate)<br><input checked="" type="checkbox"/> Information Disclosure Statement (in duplicate) with Form PTO-1449 (1 pg) citing 4 References<br><input type="checkbox"/> Express Mail Label No.<br><br><input type="checkbox"/> Certificate of Facsimile Transmission<br><input type="checkbox"/> Statement Under 37 CFR 3.73(b) | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s) In/Formal ____ Sheets with Submission of Drawings Transmittal<br><input type="checkbox"/> Issue Fee Transmittal with PTO-85b (in duplicate)<br><input type="checkbox"/> Request for Continued Examination Transmittal (RCE)<br><input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address (2 pages)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) ____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Request for Status of Application<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br><b>4 References</b> |
|--|--|--|

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Squire, Sanders & Dempsey L.L.P. Jeffrey C. Talkington, Reg. No. 58,381
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Signature

Date

November 10, 2006

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

## Complete if Known

Application Number	10/623,458
Filing Date	July 17, 2003
First Named Inventor	Baback Gharizadeh
Examiner Name	Christopher M. Babic
Art Unit	1637
Attorney Docket No.	87835.2

## METHOD OF PAYMENT (check all that apply)

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## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

### 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$).00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code		
1051	2051	Surcharge - late filing fee or oath	
1052	2052	Surcharge - late provisional filing fee or cover sheet.	
1053	1053	Non-English specification	
1812	1812	For filing a request for reexamination	
1804	1804	Requesting publication of SIR prior to Examiner action	
1805	1805	Requesting publication of SIR after Examiner action	
1251	2251	Extension for reply within first month	
1252	2252	Extension for reply within second month	
1253	2253	Extension for reply within third month	
1254	2254	Extension for reply within fourth month	
1255	2255	Extension for reply within fifth month	
1401	2401	Notice of Appeal	
1402	2402	Filing a brief in support of an appeal	
1403	2403	Request for oral hearing	
1451	1451	Petition to institute a public use proceeding	
1452	2452	Petition to revive - unavoidable	
1453	2453	Petition to revive - unintentional	
1501	2501	Utility issue fee (or reissue)	
1502	2502	Design issue fee	
1503	2503	Plant issue fee	
1460	1460	Petitions to the Commissioner	
1807	1807	Processing fee under 37 CFR 1.17 (q)	
1806	1806	Submission of Information Disclosure Stmt	180
8021	8021	Recording each patent assignment per property (times number of properties)	
1809	2809	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	2810	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	2801	Request for Continued Examination (RCE)	
1802	1802	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)180.00

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Jeffrey C. Talkington	Registration No. Attorney/Agent)	58,381	Telephone	(415) 954-0200
Signature				Date	November 10 2006

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Examiner: Babic, Christopher

Baback Gharizadeh

Serial No. 10/623,458

Art Unit: 1637

Filed: July 17, 2003

Title: TARGET-SPECIFIC MULTIPLE SEQUENCING PRIMER POOL FOR  
MICROBIAL TYPING AND SEQUENCING APPLICATIONS IN  
DNA-SEQUENCING TECHNOLOGIES

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

11/14/2006 BABRAHA1 00000021 071850 10623458  
01 FC:1806 180.00 DA

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §§1.97-1.98**

Dear Examiner:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.98, Applicant hereby notifies the U.S. Patent and Trademark Office of the references listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant reserves the right to dispute the listed documents as prior art during examination. Furthermore, Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.

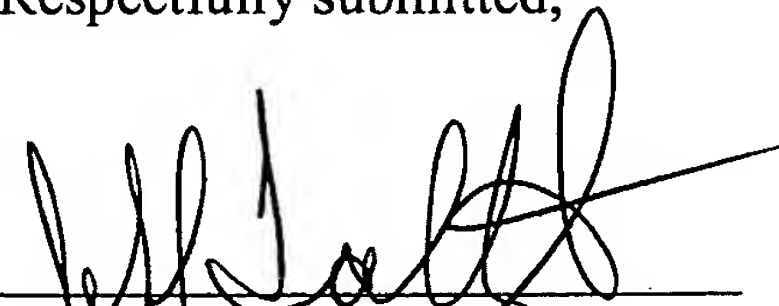
The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

The present Information Disclosure Statement is being submitted after receiving the first office action but before an action closing prosecution on the merits. Accordingly, please charge Deposit Account No. **07-1850** in the amount of **\$180.00** as specified in 37 CFR §1.97(c) and 37 CFR §1.17(p). The Commissioner is authorized to charge any deficiencies or other amounts due to Deposit Account No. 07-1850.

Date: November 10, 2006

SQUIRE, SANDERS & DEMPSEY L.L.P.  
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San Francisco, CA 94111  
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Facsimile (415) 393-9887

Respectfully submitted,

  
\_\_\_\_\_  
Jeffrey C. Talkington  
Attorney for Applicant  
Reg. No. 58,381

<b>FORM PTO-1449 (Modified)</b> US Patent and Trademark Office		US DEPARTMENT OF COMMERCE Docket No. <b>87835.2</b> Application No. <b>10/623,458</b>	
<b>INFORMATION DISCLOSURE CITATION</b> <b>in an Application</b> (Use several sheets if necessary)		Applicant <p style="text-align: center;"><b>Baback Gharizadeh</b></p>	
		Filing Date <p style="text-align: center;"><b>July 17, 2003</b></p>	Group Art Unit <p style="text-align: center;"><b>1637</b></p>

U.S. PATENT DOCUMENTS							
Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
	A1						
	A2						

U.S. PATENT APPLICATION PUBLICATION DOCUMENTS							
Examiner Initial	Ref. No.	Document Number	Date of Publication	Name	Class	Subclass	Filing Date if Appropriate
	A3						

U.S. PATENT APPLICATION DOCUMENT							
Examiner Initial	Ref. No.	Document Number	Date of Publication	Name	Class	Subclass	Filing Date if Appropriate
	A4						

FOREIGN PATENT DOCUMENTS								
Examiner Initial	Ref. No.	Document Number	Date of Publication	Country	Class	Subclass	Translation	
	B1						Yes	No
	B2							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	C1 Gharizadeh et al., "Multiple group-specific sequencing primers for reliable and rapid DNA sequencing", Molecular and Cellular Probes 17 (2003) pp. 203-210.
	C2 Gharizadeh et al., "Multiple primer DNA sequencing method", Electrophoresis 24, (2003) pp. 1145-1151.
	C3 Gharizadeh et al., "Type-Specific Multiple Sequencing Primers", J. of Molecular Diagnostics, vol.7, no.2, (2005) pp.198-205.
	C4 Gharizadeh et al., "Sentinel-base DNA genotyping using multiple sequencing primers for high-risk human papillomaviruses", Molecular and Cellular Probes XX, (2006) pp. 1-9.
	C5

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
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